I. LISTING OF CLAIMS:

The present listing of claims replaces all prior listings or versions of claims in the present application.

1. (Previously Presented) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller, comprising:

a device for supplying a specified quantity of gas, while dividing at a specified flow rate ratio Q1/Q2 from a gas supply facility provided with a flow controller, into a chamber through a plurality of branch supply lines including a first branch supply line and a second branch supply line and shower plates are fixed to ends of the first branch supply line and the second branch supply line;

a first open/close valve and a second open/close valve are installed on the first branch supply line and the second branch supply line, respectively;

a first bypass line is disposed on a downstream side of the first open/close valve and branched from the first branch supply line;

a second bypass line is disposed on a downstream side of the second open/close valve and branched from the second branch supply line;

a pressure type division quantity controller is connected to the first bypass line and the second bypass line;

a first pressure sensor is disposed to measure pressure inside the first branch supply line; and

a second pressure sensor is disposed to measure pressure inside the second branch supply line, wherein Q1 and Q2 are specified quantities of gas supplied to the first branch supply line and the second branch supply line, respectively.

2. (Previously Presented) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 1, wherein a control device is disposed to regulate a degree of opening of the pressure type division quantity controller to reduce a difference between actual pressure of a branch supply line and set pressure to reach the specified flow rate ratio Q1/Q2 by comparing either one of a first set pressure or a second set pressure, respectively, of the first branch supply line and the second branch supply line to reach the specified flow rate ratio Q1/Q2 with corresponding first actual pressure or second actual pressure of the first branch supply line and the second branch supply line measured by the first pressure sensor or the second pressure sensor.

3. (Previously Presented) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 1, wherein the first open/close valve and the second open/close valve are pneumatically operated, and a switch valve is disposed to supply actuating air to the first open/close valve and the second open/close valve.

4. (Previously Presented) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 1, wherein the first open/close valve and the second open/close valve are made to be integrated.

5. (Previously Presented) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 1, wherein a pressure type flow controller FCS is used for a flow controller QCS.

6. (Previously Presented) A method for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller, the method comprising the steps of:

supplying a specified quantity Q of gas, while dividing at a specified flow rate ratio Q1/Q2 from a gas supply facility provided with a flow controller, into a chamber through a plurality of branch supply lines including a first branch supply line and a second branch supply line and shower plates are fixed to ends thereof, wherein a first open/close valve and a second open/close valve are installed on the first branch supply line and on the second branch supply line, respectively, a first bypass line is disposed on a downstream side of the first open/close valve and is branched from the first branch supply line and a second bypass line is disposed on a downstream side of the second open/close valve and is branched from the second branch supply line, a pressure type division quantity controller is connected to the first bypass line and to the second bypass line, a first pressure sensor is disposed to measure pressure inside the first branch supply line and a second pressure sensor is disposed to measure pressure inside the second branch supply line GL2 so that a total quantity Q=Q1+Q2 of gas is supplied, while dividing, into a chamber at desired division quantities Q1 and Q2 by opening the open/close valve of whichever one of the first branch supply line and the second branch supply line has a larger flow rate to regulate a degree of opening of the pressure type division quantity controller FV; and

adjusting flow rate of the one branch supply line that has the larger flow rate to the flow rate of the other branch supply line that has the smaller flow rate, thus regulating pressure in the first branch supply line and the second branch supply line, wherein Q1 and Q2 are specified quantities of gas supplied to the first branch supply line and the second branch supply line, respectively.

7. (Previously Presented) A method for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 6, wherein the degree of opening of the pressure type division quantity controller is regulated to reduce a difference between actual pressure of a branch supply line and set pressure to reach the specified flow rate ratio Q1/Q2 by comparing either one of a first set pressure or a second set pressure, respectively, of the first branch supply line and the second branch supply line to reach the specified flow rate ratio Q1/Q2 with corresponding first actual pressure or second actual pressure of the first branch supply line and the second branch supply line measured by the first pressure sensor or the second pressure sensor.

8. (Previously Presented) A method for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 6, wherein the first open/close valve and the second open/close valve are pneumatically operated, and a switch valve is disposed to supply actuating air to the first open/close valve and the second open/close valve so that the open/close valve of the one branch supply line with the larger supply quantity is opened by the switch valve.

9. (Previously Presented) A method for supplying gas while dividing to a chamber from a gas supply facility equipped a flow controller as claimed in Claim 6, wherein a pressure type flow controller is used for the flow controller.

10. (Previously Presented) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 2, wherein the first open/close valve and the second open/close valve are pneumatically operated, and a

switch valve is disposed to supply actuating air to the first open/close valve and the second open/close valve.

11. (Previously Presented) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 2, wherein the first open/close valve and the second open/close valve are made to be integrated.

12. (Previously Presented) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 3, wherein the first open/close valve and the second open/close valve are made to be integrated.

13. (Previously Presented) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 2, wherein a pressure type flow controller FCS is used for a flow controller QCS.

14. (Previously Presented) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 3, wherein a pressure type flow controller FCS is used for a flow controller QCS.

15. (Previously Presented) A device for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 4, wherein a pressure type flow controller FCS is used for a flow controller QCS.

16. (Previously Presented) A method for supplying gas while dividing to a chamber from a gas supply facility equipped with a flow controller as claimed in Claim 7, wherein the

first open/close valve and the second open/close valve are pneumatically operated, and a switch valve is disposed to supply actuating air to the first open/close valve and the second open/close valve so that the open/close valve of the one branch supply line with the larger supply quantity is opened by the switch valve.

17. (Previously Presented) A method for supplying gas while dividing to a chamber from a gas supply facility equipped a flow controller as claimed in Claim 7, wherein a pressure type flow controller is used for the flow controller.

18. (Previously Presented) A method for supplying gas while dividing to a chamber from a gas supply facility equipped a flow controller as claimed in Claim 8, wherein a pressure type flow controller is used for the flow controller.